- 05/06/04

Form PTO-948 (Rev. 03-03-) 11AY 0 5

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

A. approved by the Draftsperson under 37 CFR 1.84 B. objected to by the Draftsperson under 37 CFR 1.84	are:
B objected to by the Draftsperson under 37 CFR 1.8-drawings are required.	4 or 1.152 for the reasons indicated below. Corrected
1. DRAWINGS: 37 CFR 1.84(a): Acceptable	8. ARRANGEMENT OF VIEWS: 37 CFR 1.84(i)
categories of drawings: Black ink or	
Color (3 sets required).	fashion when page is either apright or turned so
Color drawings are not acceptable until petition is	that the top becomes the right side, except for
granted. Fig(s) Pencil and non-black ink not permitted. Fig(s)	graphs. Fig(s)
	9. SCALE. 37 CFR 1.84(k)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	Scale not large enough to show mechanism
1 full-tone set is required. Fig(s)	without crowding when drawing is reduced in
Photographs may not be mounted, 37 CFR 1.84(e) Photographs must meet paper size requirements of	size to two-thirds in reproduction. Fig(s)
of 37 CFR 1.84(f). Fig(s)	10. CHARACTER OF LINES, NUMBERS, &
Poor quality (half-tone). Fig(s)	LETTERS, 37 CFR 1.84(f)
3. TYPE OF PAPER. 37 CFR 1.84(c)	. I Lines, numbers & letters not uniformly thick and
Paper not flexible, strong, white, and durable,	well defined, clean, durable, and black (poor fin
Fig(s)	quality). Fig(s) / X
Erasures, alterations, overwritings, interlineations,	H. STADING, 37 CPR 1.84(m)
folds, copy machine marks not accepted.	Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s)
Fig(s) 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable	Solid black shading not permitted. Fig(s)
	12. NUMBERS, LETTERS, & REFERENCE
sizes:	CHARACTERS, 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or	Numbers and reference characters not plain and
21.6cm by 27.9cm (8.1.2x.11 inches)	legible. Figgs) / - 3 Figure legends are poor, Fig(s) / - 3
All drawing sheets not the same size.	Numbers and reference characters not oriented in
Sheet(s) Drawings sheets not an acceptable size. Fig(s)	the same direction as the view. 37 CFR 1.84(p)
5. MARGINS. 37 CER 1.84(g): Acceptable margins:	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 4.9 cm	English alphabet not used, 37 CFR 1.84(p)(2)
Margins not acceptable. Fig(s)	Fig(s)
Top (T) Left (L)	Numbers, letters and reference characters must be
Right (R) Bottom (B)	at least 32 cm (1/8 inch) in height, 37 CFR
6. VIEWS: 37 CFR 1.84(h)	1.84(p)(3). Fig(s)
REMINDER: Specification may require revision to	13. LEAD LINES: 37 CFR 1.84(q)
correspond to drawing changes, e.g., if Fig. 1 is	Lead lines missing. Figts) 14. NUMBERING OF SHEETS OF DRAWINGS
changed to Fig. 1A. Fig 1B and Fig. 1C, etc., the	14. NUMBERING OF SHEETS OF DRAWINGS
specification, at the Brief Description of the Drawings,	37 CFR 1.84(t)
must likewise be changed.	Sheets not numbered consecutively, and in Arab
Views not labeled separately or properly.	numerals beginning with number 1. Sheet(s)
Fig(s) 7. SECTIONAL VIEWS: 37 CFR 1.84(h)(3)	15. NUMBERING OF VIEWS, 37 CFR 1.84(u) Views not numbered consecutively, and in Arab
	numerals, beginning with number 1. Fig(s)
Sectional designation should be noted with	16. DESIGN DRAWINGS, 37 CFR 1.152
Arabic or Roman numbers, Fig(s)	Surface shading shown not appropriate.
	Fiote)
	Solid black surface shading is not permitted exce
	when used to represent the color black as well as
	color contrast. Fig(s)
COMMENTS:	
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If you have questions, call (703) 305-8404.

Attachment to Paper No. /_